

Str187 RNaseH gene**3'LTR**

ADIFTKPLAARFAFLRDKLQVVPPCA* (+1bp) GAGGGGAAG**TGTT**AGGACTCTTAGTCTAG
 ACTACTTCTAGTATTACTATACTTCTACATATTGTATTTATATTTCTCCTGTGTAAATTGTGTACGA
 CTGATATACAGAATTATTCAATCCTAATCAATGTCATAGCAACATAGAACTCAAGAAAGAAATGAG
 CGGAGAGGTAATGAGGTTTTACTCAGGACTCATC

Fig.1

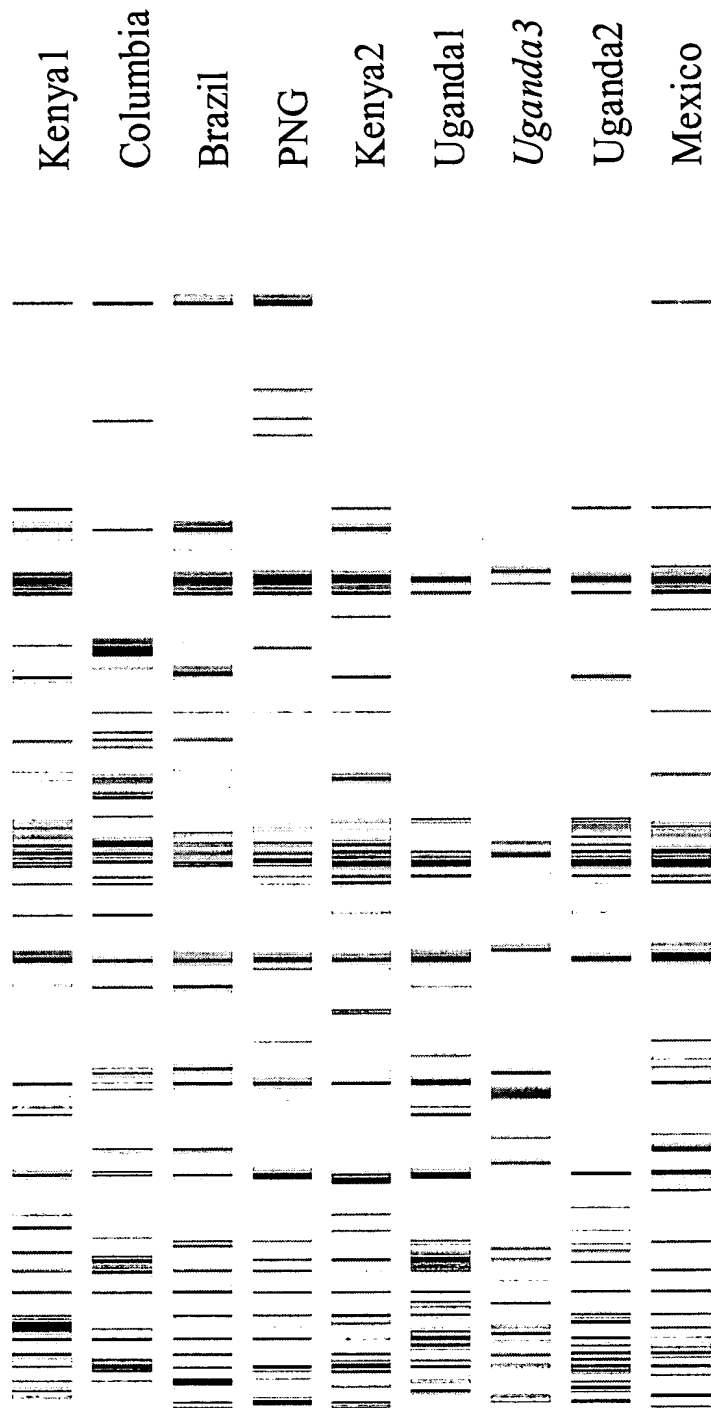
RnaseH gene**3'LTR**

Str6	ADMFTKALPTPRFTFLRDKLQVTALPCA*	(-1)	GAGGGGGAGTATTAGAGTATTAGGACTCT
Str85	ADIFTKALGQRLQYFIRKLGIRDLHAPT*	(-1bp):	GAGGGGGGGTAATAGCAGTAATATCATAT
Str187	ADIFTKPLAA-RFAFLRDKLQVVPPCA*	(+1bp)	GAGGGGAAGTGTTAGGACTCTTAGTCTAG

5' LTR primers

Str187/0 primer	5'AGACTAAGAGTCCTAACA 3'	Tm:49.1°C
Str187/G primer	5'AGACTAAGAGTCCTAACAG 3'	Tm:52.4°C
Str187/GC primer	5'AGACTAAGAGTCCTAACA 3'	Tm:55.3°C
E01	5'GACTGCGTACCAATTCA 3'	Tm:50.3°C
E44	5'GACTGCGTACCAATTCATC 3'	Tm:54.3°C

Fig.2

**Fig.3**

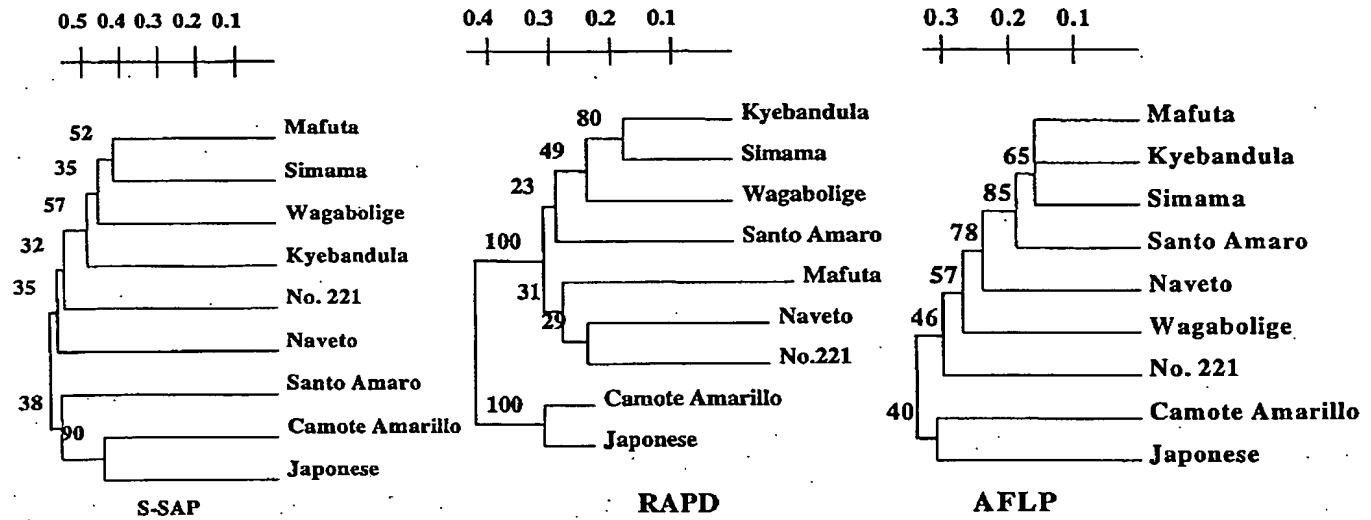
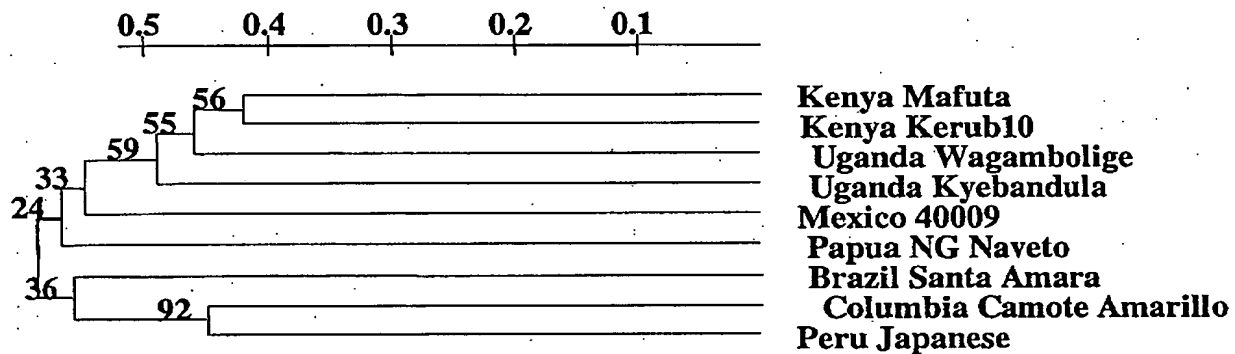


Fig.4



E44-Str187/G primer combination

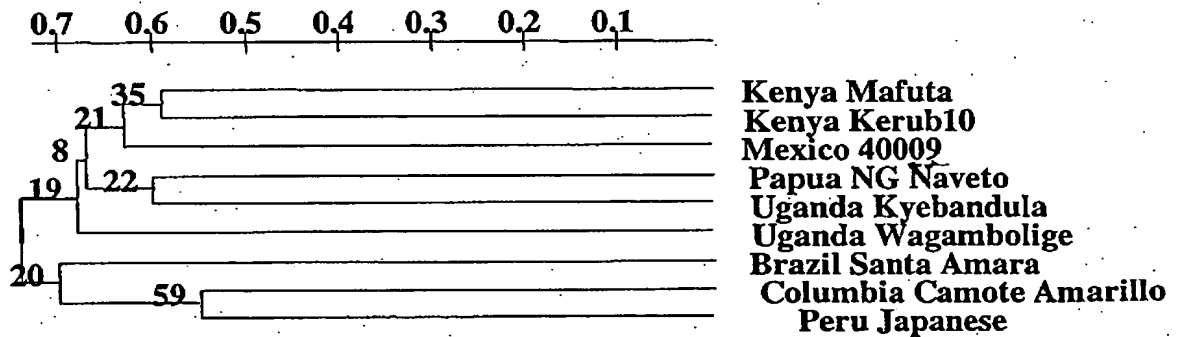
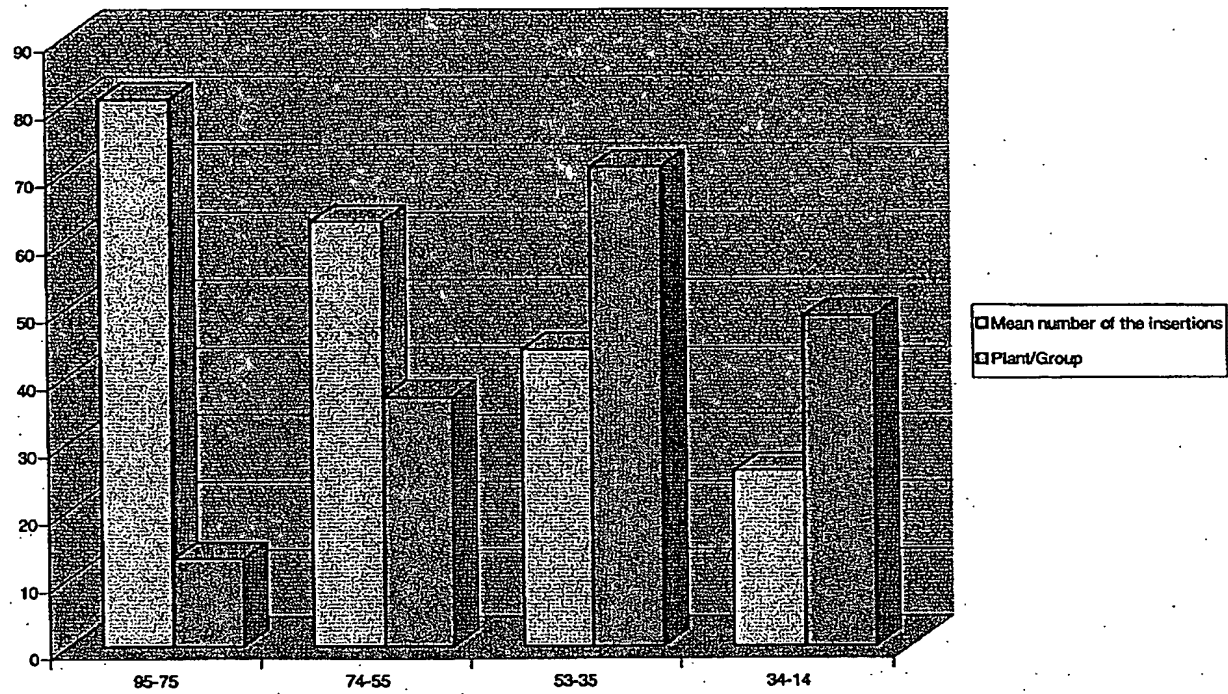


Fig.5



Fig.6

Fig.7

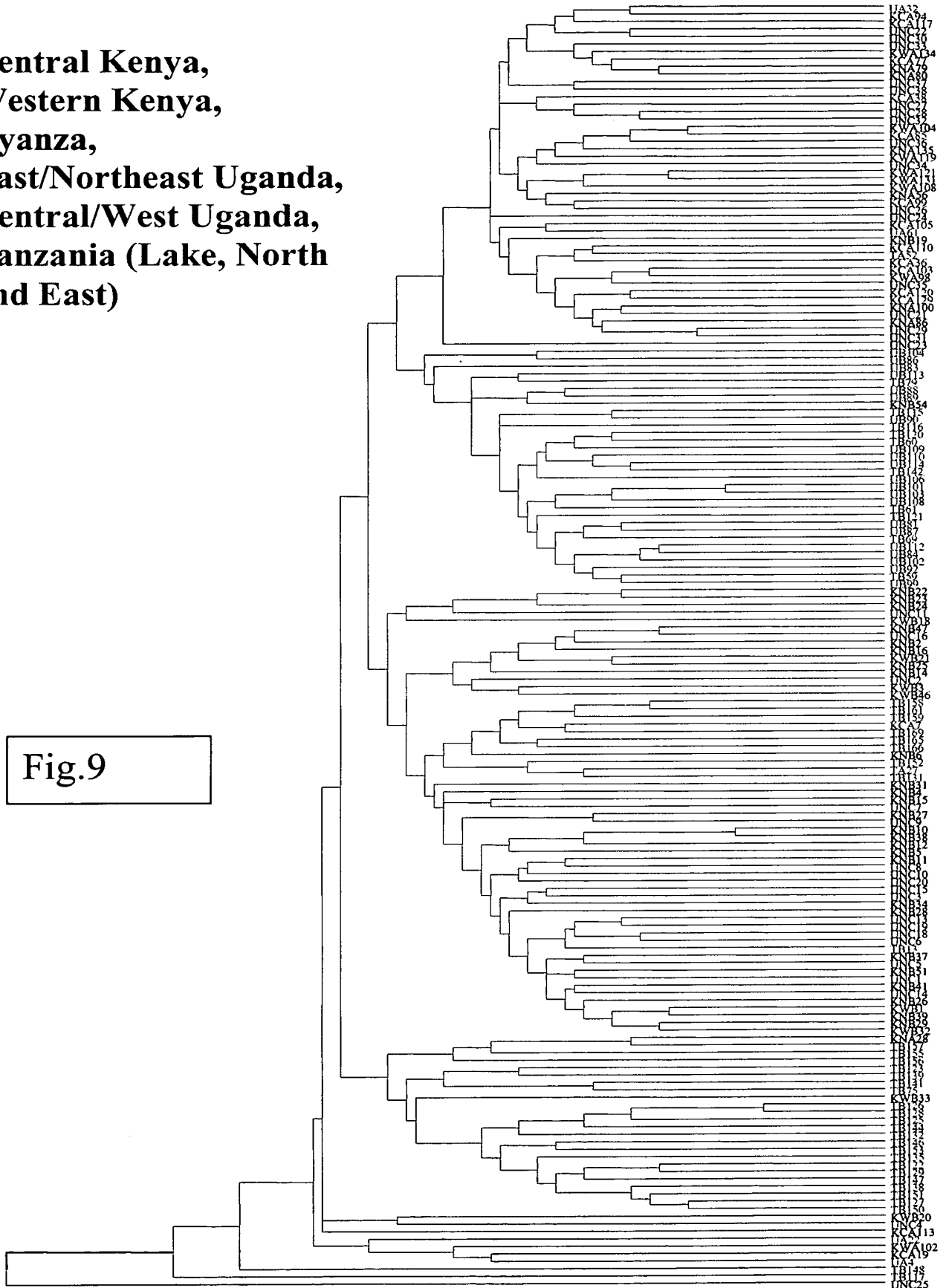


EcoR1- Adapters	Nucleotide sequence
EcoA1	5-CTC GTA GAC TGG GTA CC-3
EcoA2	5-AAT TGG TAC GCA GTC-3
Pre-amplification primer	
EO1	5-GAC TGC GTA CCA ATT CA-3
Selective PCR Primers	
E33	5-GAC TGC GTA CCA ATT CAA G-3
E36	5-GAC TGC GTA CCA ATT CAC T-3
Mse1 – Adapters	
MseA1	5-GAC GAT GAG TCC TGA G-3
MseA2	5-TAC TCA GGA CTC AT-3
Pre-amplification primer	
MO1	5-GAT GAG TCC TGA GTA AA-3
Selective PCR primers	
M38	5-GAT GAG TCC TGA GTA AAC T-3
M40	5-GAT GAG TCC TGA GTA AAG C-3

Fig.8

**Central Kenya,
Western Kenya,
Nyanza,
East/Northeast Uganda,
Central/West Uganda,
Tanzania (Lake, North
and East)**

Fig.9



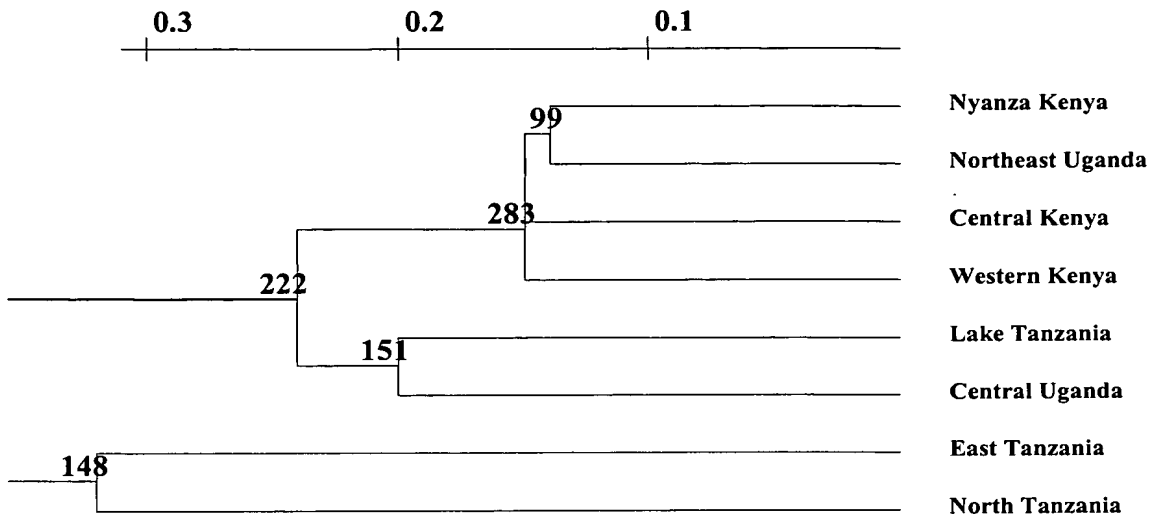


Fig.10

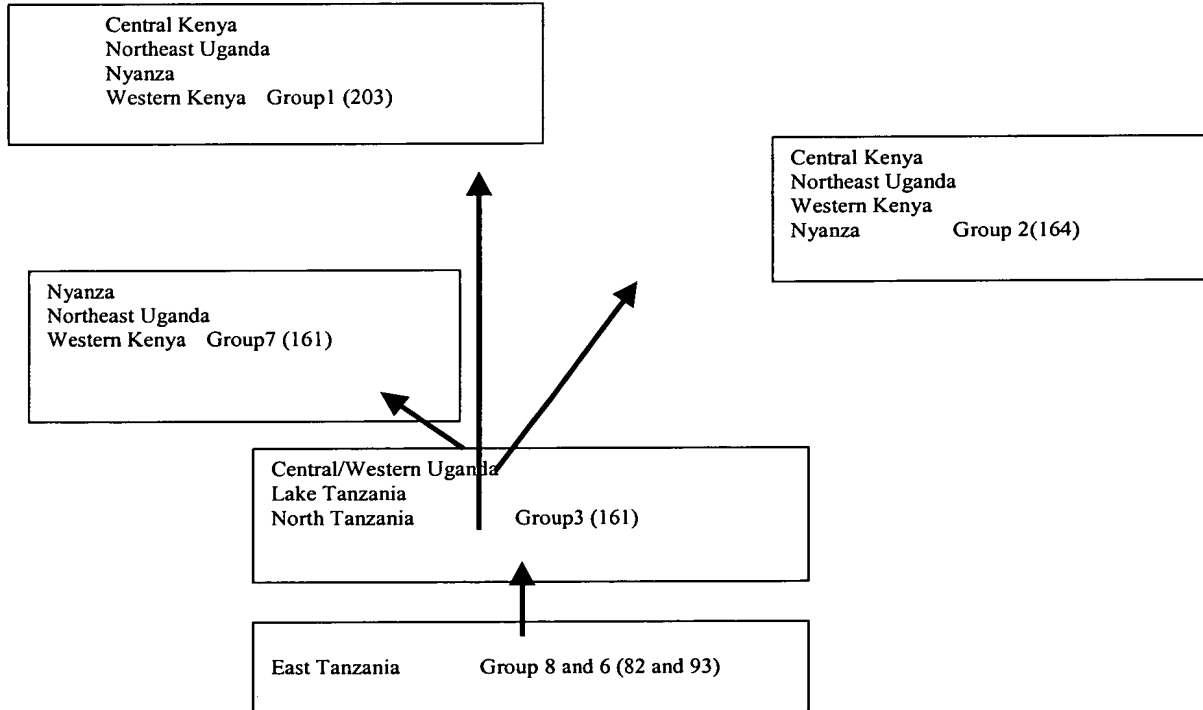


Fig.11